



The Official Newsletter of the Gwinnett Amateur Radio Society

October 2021 <http://www.gars.org/> Volume 31, Issue 10

The

GARzette



October 2021 GARS Meeting: Favorite Ham Radio Websites – Bill Cherepy WB4WTN



The Georgia QSO Party



TechFest

GARS meeting Tuesday, October 12, 2021 at 7:00 pm

President's Message

From the President...

Fall seems to have arrived - at least for this week! This is a great time to put up those antennas and towers you have planned for this year. Myself, I'm looking to take my tower down so that I can revamp the antennas and transform the tower itself into a tilt up version. Climbing my tower, at my weight, at my age, are not a good mix. I can tell you that some kind of lift will be involved. And adding another wire antenna resonant to a particular band might also be in order. Keep watching our notices as we have antenna building activities planned in our upcoming workshops.

I'm looking forward to seeing everyone at the October GARS meeting. We have a volunteer to run the simulcast ZOOM meeting for **October...just for October. So, we still need a Zoom Admin volunteer** to execute our zoom meetings after October. If you think you could perform this function, please contact us.

Ham Of the Year – This past year has been really tough on everyone and although the GARS Family has had some activities, both in-person and remotely, we not had a typical full force year due to the Covid-19 pandemic. Still, we believe there are some GARS Members who have volunteered to assist the club in ways that have gone above and beyond. So, please put some thought into nominating a GARS member who has helped to maintain our operations during this trying year.

To submit a nomination, please send an email to president@gars.org by December 1st for consideration. The Officers will review nominations and select the 2021 GARS Ham of the Year. Therefore, please don't nominate any officer, as we are just doing our job as elected to do so. I'll be sending a similar message out via our Groups.io as well.

We are still needing some volunteers to work the GARS booths at the Lawrenceville Hamfest. So,



please see gars.org to find the Lawrenceville Hamfest volunteer sign up list. Or click here> [Stone Mount Hamfest Volunteer Sign Up](#)

Workshop – Our next few Workshops have been planned. These workshops will be conducted in-person at the EAA690 hanger facility and hopefully will also be simulcast via Zoom. Stay tuned for the meeting credentials as they are posted.

The Silent Key sales have been going well and our designated scholarship funds have benefited greatly. Our SK Inventory Manager Brian, N4TRB will give us a report on those sales at the October meeting. We still have a lot of inventory to liquidate with great deals to be had beyond the currently posted '[Offering 002 Listing](#)'. Look the list over and be sure to keep an eye out for another round of items we will release so you do not miss out on these great bargains. And don't forget, we'll have tons of SK items for sale at the Lawrenceville Hamfest.

JAMBOREE ON THE AIR (JOTA) – Please stop by this event and help out if you can on October 16th. The event will be held from 9:00 AM – 4:00 PM at the VFW Post 5255, 368 Grayson Highway, Lawrenceville. Many fine Scouts will benefit from your knowledge of HOW to make contacts, HOW to operate the Rigs, and HOW to practice with standard operating procedures. Your guidance to them will be worthwhile indeed.

Have a great October and be safe.

73,

Joe Biddle, AD4PZ

Club President



GARS Meetings & Workshops

GARS Meetings and Workshops

GARS Meetings are held in-person at the EAA 690 Hangar. Workshops will be held online via Zoom along with simulcast Meetings. See <http://www.gars.org> for more information

GARS Virtual Login and Zoom Etiquette

Zoom login info will be posted to <http://www.gars.org> prior to the meeting.

Meetings and Workshops are OPEN to all, feel free to share your invite with others.

- Workshops and Meetings will be **recorded**. By participating you consent to being **recorded**.
- Please change your display name to Your **FirstName Call Sign**, e.g. **Hiram W1AW**
- **How to change Your Display Name in Zoom**
- Please stay muted until ready to speak. Your space bar works like a PTT for un-muting
- To be fair to everyone, there will be a three minute limit for each person during Q & A
- You may ask questions in chat; **please stay on topic while using chat**.

GARS Meetings Schedule (second Tuesday @ 7:00 PM):

- October 12, 2021 – Favorite Ham Radio and Related Websites – Bill Cherepy WB4WTN – Operational – In-Person and Zoom
- November 9, 2021 – Current status of the HamSCI projects – Dr. Nathaniel A. Frissell Ph.D. W2NAF

Workshop Schedule (third Tuesday @ 7:00 PM):

- October 19, 2021 – GARS Repeater System – David Adcock KA4KKF – In-Person only
- November 16, 2021 - 2m Roll-up J-Pole Antenna - Dallas N4DDM
- December - Typically no Workshop just the GARS Holiday Party
- January 18 - Re-capping and tube testing to bring radios back to life - Don Woodward KD4APP

GARS Meeting – October 12, 2021

Favorite Ham Radio and Related Websites By Bill Cherepy WB4WTN

Bill will be showing the favorite ham radio web sites that the members of GARS visit and recommend.

GARS Workshop – October 19, 2021

GARS Repeater System David Adcock KA4KKF

David will tell us about the current status of the GARS repeaters, controllers, remote receivers, voters, Echo Link, user commands, and touch on future plans. We will also have a 2m and 70cm set of duplexers on-site for folks to physically see what a Band Pass - Band Reject BpBr duplexer looks like.

This will be a HANDS-ON Workshop at the EAA Hanger. So if you have them bring your radios, laptops, programming dongles, and let's help folks get their radios programmed for the GARS and ARES repeaters.



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GARS Communication

<u>2 Meter Repeaters</u>	<u>6 Meter Repeater</u>
147.075(+) MHz Tone 82.5	53.110 (-1 MHz) No Tone (Offline for Maintenance)
147.255(+) MHz Tone 107.2	
<u>1.25 Meter Repeater</u>	<u>Other Resources:</u>
224.580(-) MHz Tone 100.0, 1.6 MHz Offset	<u>APRS</u>
	144.390 -- 1200 Baud
<u>70 Cm Repeaters</u>	<u>W4GR</u>
444.525(+) MHz Tone 82.5	<u>D-STAR</u>
442.100(+) MHz Tone 100	WD4STR
442.325(+) MHz Tone 100	145.060 + (1.4 MHz) 440.550 + (5 MHz)

**Don't forget
to support our
advertisers at the
back of the
GARzette.**

Snail Mail Address:

GARS
P.O. Box 492531
Lawrenceville, GA 30049

Notable Web Links

Ham Radio Glossary: <https://noji.com/hamradio/glossary.php> a very comprehensive listing provided by Noji Ratzlaff KNØJI. On his site there is also a lot of information about getting started in ham radio.

Need Help – Let GARS Elmers answer your questions

Send an email to elmers@gars.org with the subject listing the area (like Antennas, Repeaters, Digital, DMR etc.) of your query to get to GARS Elmer volunteers.

The *GARzette* is the official monthly newsletter of the Gwinnett Amateur Radio Society, serving its members and other persons interested in the advancement of the Amateur Radio art.

Original articles, art, and photos are invited and encouraged. Previously copyrighted submissions cannot be accepted for reprinting unless permission from the appropriate publisher is provided in writing along with the information being submitted. If reprints are from publications allowing their unrestricted use, please include a copy of the printed permission contained in the publication.

If possible, bring your articles to the monthly meeting in Microsoft Word or rich text (.rtf) or text or HTML format or by e-mail to editor@gars.org. Artwork can be accepted in most any graphics format and can be submitted via e-mail to the same address. Alternate means of submittal can be arranged when necessary.

In keeping with the Amateur Radio spirit, permission is hereby granted for the reproduction of The *GARzette* articles by other Amateur Radio club newsletters provided that proper credit is given to the individual author and *The GARzette*.

The GARzette is published each month with the assistance of Karen KI4HPP and Kyle W4KDA who print copies for distribution at meetings, etc. and Dave Bruse, W4DTR, who distributes the newsletter electronically.

Deadline for submissions is the 28th of each month for inclusion in the following month's issue.

For additional information view our Website at: <http://www.gars.org>

Newsletter Email: editor@gars.org Editor: Bob Hoffman, K4CQO Assistant Editor: Bill Eggers, WB2RIS



GARS HELP WANTED

Speakers Needed for GARS Workshop Presentations, 3rd Tuesday of the month – Email workshop@gars.org to volunteer. [PS— Articles to publish in the *GARzette*, either written by GARS members or published elsewhere, are always welcome. —Ed.]



GARS Happenings

20 Years ago in the October 2001 GARzette:

- The GARZette was a tribute to the 9/11 airline attacks on the US
- There was an auction planned in October, including one for kids
- Reminder to pay GARS the ARRL dues for a GARS commission
- The GA call sign license plate had no fee, and was called out in the GARZette

You can always browse the GARzette archive at <http://www.gars.org/newsletters>
73, Bob, K4CQO, GARzette Editor



Health and Wellbeing – Sandy Jackson, KJ4DRO

Look for this resource on gars.org and use it as a means to convey information about a GARS family member or Silent Key notification.

Net Managers Corner

Monday Night 2 Meter “Want, Swap, Sell, and Information Net”

GARS NEEDS MEMBERS TO SERVE AS NET CONTROL STATIONS!

GARS is a great Amateur Radio service club with the membership and awards to prove it. Our club is very busy and active, and we use the Monday night net to get timely information out to our members. Weekly participation is needed to make our net function well. There is only a small group of very dedicated people who make the net happen each week, and we need more members to volunteer to serve as Net Control Stations (NCS) on a rotating basis.

Out of almost 300 members, there are only seven operators who serve as the NCS for the GARS net every Monday night. In no particular order, they are:

Don – KW4AL	Ray – N4GYN	Bill – WG9NUW	David – KA4KKF
Glen – W3WWT	Russell – AB4QQ	Chuck – KK4TKJ	Charlie – WS4TOT

As GARS Net Manager (Chuck KK4TKJ), I would like to have more volunteers to fill NCS positions. I do plan and post the schedule months in advance. Any conditions will be accommodated that you as a rotating NCS need to place on the scheduling of your duties. If your plans change, I can make adjustments for the schedule to work, and I will make those changes happen as soon as I am notified of a problem. As Net Manager, I also send out reminders each week to let the NCS scheduled know he or she is NCS for the next Monday night net. In short, serving as a rotating NCS is a small duty but a great contribution to the club. The “Want, Swap, Sell Information Net” begins promptly at 19:30 every Monday night and runs about 30 minutes. As a scheduled NCS, you will request the assistance of a volunteer alternate NCS each time you have Net Control. Your simple duties will be to tune in to the GARS repeater, read the script, take a few notes and forward the information to me for record keeping.

Please lend a hand and contact me at KK4TKJ@arrl.net. Sign up to help support the effort that makes GARS the great club that it is. 73 and see you on the Nets!

Equipment For Sale by GARS

To see the list of the current offering, Click here>> [GARS Silent Key Sale](#)
For additional information, send an email to: forsale@gars.org.

More to come, so stay tuned. After a short period, we'll release this list to a wider audience. So, act quickly.



GARS Technician HamCram

HamCram Technician License Class Saturday, October 23 2021 and Sunday, October 24 2021

This is the entry level study session.

For more information on the test session [click here](#) to email the instructors.

STUDY GUIDE:

We will be using the hamradioschool.com material.

CLASS:

8:00am to 4:00pm Saturday and 8:00am to 3:00pm Sunday

Thirty Minute Lunch Break with lunch brought in, both lunches and test for \$25.00

[EAA hangar Briscoe Field Lawrenceville, GA near the intersection of highway 316 and Hi-Hope Road](#)
[Click here for directions](#)

EXAM SESSION:

3:00pm to 5:00pm Sunday

This exam session is a closed session only available to those students who sign up for the class.

REGISTRATION:

*** Pre-registration is Required ***

*** There is a no refund policy for no shows ***

JAMBOREE ON THE AIR (JOTA)

JAMBOREE ON THE AIR (JOTA)

October 16th from 9:00 AM – 4:00 PM

VFW Post 5255, 368 Grayson Highway,

Lawrenceville, GA 30046



Flyer: <https://www.nega-bsa.org/files/38861/Jamboree-On-The-Air--JOTA->

Merit Badge Registration: <https://kk4bsa.info/register-for-radio-merit-badge.html>

Stone Mountain Hamfest

Stone Mountain Hamfest

Nov. 6-7, 2021 Sat: 8 a.m. - 4 p.m. Sun: 8 a.m. - 2 p.m.

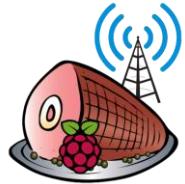
You can also prepurchase tickets on this site at the [ticket booth](#).

Signup sheet for volunteer workers at the HAMFEST. [CLICK HERE](#)



W3DJS Presents HamPi 1.5

I am pleased to announce that [HamPi 1.5](#), the comprehensive ham radio software distribution for the Raspberry Pi is now available for public download! It is expected that with this 1.5 release of HamPi, that HamPi will cross the 50,000 downloads mark!



If you run into issues, please post to the forum on <https://groups.io/g/Ham-Pi/> first. If you see a bug (defect), please report it on the GitHub issues page at: <https://github.com/dslotter/HamPi/issues>

Did you know that HamPi has a wiki? Find it at <https://github.com/dslotter/HamPi/wiki>

Direct Download Link: <https://sourceforge.net/projects/hampi/files/2021-09%20Release/>

UPGRADING: In order to transition smoothly from HamPi 1.X to HamPi 1.5 and preserve your configuration settings, please follow the instructions in the attached file, "UPGRADING_FROM_PRIOR_VERSION.TXT" (This is still a work in progress.)

CHANGELOG:

Version 1.5 (September 2021) Release

=====

Added SDR++ -- Brand new cross-platform and open source SDR software
Added Cqrprop – Small application that displays propagation data from Paul, N0NBH website
Added 10 10 QSO Logger – Logging software for Ten Ten International Users

Added Lady Heather – GPS Monitoring software

Added Atlcl – Arbitrary Transmission Line Calculator

Added SoapySDRPlay3 - Soapy SDR module for SDRPlay3 API

Updated to WSJT-X 2.5.0

Updated BlueDV to version 1.0.0.9609 (most current version)

Restored SDRAngel to distribution

Added version check to HamPi startup (to notify for new versions of HamPi)

Fixed Orca screen reading software to be installed, but disabled

Modified HamPi Ansible sources to retry transient download failures

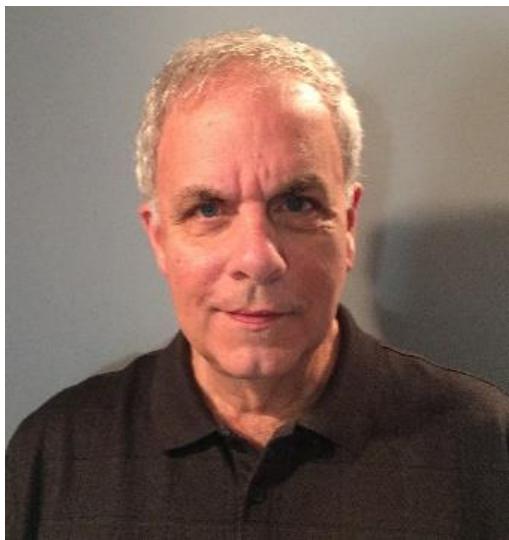
Updated many, many other apps to current versions.

Good luck and 73!

HyGain 3750 Deluxe Grade Transceiver

Vintage Amateur Radio

de Bill Shadid, W9MXQ



For months we have discussed the movement in amateur radio marketing stemming from the Collins introduction to lightweight (for the time) desktop high-frequency radio equipment. This month we are going to move off that path for a bit. Back in 1977, while the guest¹ of **Ham Radio Magazine** at the Dayton Hamvention, I came across a brand-new offering from HyGain Electronics. They were showing their model 3750 HF Transceiver. HyGain, by then a shadow of its former self after a disastrous corporate decision to push into the North American Citizens Band Radio market, was near bankruptcy. Trying to move back to its ham radio roots, HyGain partnered with National Radio of Japan (known as Panasonic² in the west) to rebrand one of their premium market transceivers – known in Japan as the National RJX-1011D. So, this month we are going to talk about this incredible radio and my experience with the product in my shack.



**HyGain 3750 160-10 Meter SSB/CW Transceiver
(Panasonic/National RJX-1011D)**

W9MXQ Photo

The 3750 Transceiver was in a large market of 180 to 200-watt RF input radios in a variety of price ranges. This radio was right along with them – at the high end of price – with a solid-state radio working with a vacuum tube driver and final amplifier section. The 3750 had an input power of 200 watts that was provided by two S2002 Tetrode Power Amplifiers. These unique Japanese tubes were custom made for this radio – a point that is now problematic. They closely resemble 6LR7 Sweep-Tubes – and some have noted that the 6KD6 Sweep-Tube is also compatible. But, the S2002 design had very heavy interior components and was what I would describe as a true transmitting tube using a Sweep-Tube concept design. S2002 tubes, however, are virtually unobtainable today. One of these S2002 tubes was heavier than any Sweep-Tube I have ever worked with. As I recall, they were heavier than a 6146B.

The use of unique numbers by Japanese manufacturers of radio equipment used this number system in other radios. The model 6146 tetrode was widely known in Japan as the S2001 and was later updated to be the S2001A. This convention was later eliminated, and late vacuum Japanese tube final amplifier radios used the 6146B nomenclature as we did in the West.



HyGain provided a matching External Speaker and External VFO unit for these radios as shown here.



HyGain Model 3854 External Speaker



HyGain Model 3855 External VFO

W9MXQ Photos

The bronze anodized finish aluminum panels on these radios and accessories was quite striking, visually. But, several manufacturers used colors other than dark gray or black without long term success. This radio in Japan, under the National name, was identical in color and in all things other than the logo for the company name.

My first experience with these radios was at the previously mentioned 1977 Dayton Hamvention at the HyGain booth. The radio was sitting on display – center stage in the booth – receiving Morse code transmitted from elsewhere in the convention center. Its golden tones receiving CW were the number one selling point right away. The cost, however, was in the thousands of dollars so buying one then was out of the question. Even today, a good version of the transceiver alone can demand well over \$1,000.00. But, it has been year since I have seen one. I do know where several of these fine stations reside. I patiently wait!!

Using the 3750 was a pure joy. I have had three complete sets over time. They are not easy to find because only about 300 radios, quite a few less 3854 Speakers, and far fewer 3855 External VFO units were made. I was very fortunate to have my sets of these radios at different times. Most recently was perhaps five years ago. The pictures shown in this article are of the last set – and I regret that I do not have a front on photograph of all three pieces together. However, I do have an edge-on view of that same station that you can see here . . .



HyGain 3750 Complete Station in about 2010

**Left to Right are the 3854 Speaker, 3750 Transceiver, and 3855 External VFO
(Note also the Astatic D-104 Microphone and Nye-Viking Straight Key**

W9MXQ Photo

The above picture was snapped to prove the existence of this bronze wonder station to a fellow Ozaukee Radio Club member who did not believe that a radio of this color every existed.

The radio had very effective eight-pole 2.4 kHz and 400 Hz crystal filters (SSB and CW, respectively) but generally lacked any good QRM fighting tools other than an excellent Notch Filter that was useable on both SSB and CW. It had two features that were beneath the radio's dignity, in my opinion – one was a completely useless Noise Blanker and the other a similarly ineffective Speech Processor. The Speech Processor was no loss for its poor operation, however, as speech audio system produced some of the most consistently complimented SSB audio of any radio I have ever owned and operated.

The 3750 was marketed before the WARC Bands were offered so it is not useable on 30, 17, and 12-meters – much less 60-meters. It did include WWV at 10 MHz on its own band position so one could certainly tune the 30-meter band. I have heard that there were users that activated the band position for transmit but I never did more than read that it had been done. The manufacturer never did produce a WARC enabled version of this radio. It was replaced with an all solid state National (Panasonic) RDX-810D. One of those was in my collection for a time – but it was not the performer of the 3750. Here is that later radio for your reference . . .



National (Panasonic) RDX-810D HF Transceiver that replaced the HyGain 3750 (National RDX-1011D) in the Japanese market. We did see some of them here from NCG (Comet) under the model 10/160M.

(RigPix Photo)

The 3750 existed at a time when digital readout was just becoming popular. Popular, yes, but not so easy to incorporate in those days. Let's look at the front panel, around the VFO Dial and Digital Readout, to see how digital readout was accomplished in this radio . . .



To the right of the VFO Knob, see the Bandswitch and that it is set in the 3.5 (MHz) position. A bandswitch hard wired line turned on the left panel readout to show the first digit of "3" as you can see. Now, looking at the dual readout (INT for Internal) and MEMORY – EXT (for External) four place readout plus decimal point. The VFO is tuned to 3.856.0 MHz. If the 3855 External VFO was installed and activated, its frequency would read out on the right hand four place readout plus decimal point – at EXT – also relying on the "3" to indicate the band.

You can see lever switches to the right and left of the sub-readout just above the VFO Dial that gave a rough view of the area of the band being tuned.

That left lever switch actuated the internal crystal calibrator – with calibration of the VFO being possible with a control elsewhere on the front panel. The lever switch to the right was a switch to activate a memory (scratch pad) to reference a point the operator wanted to remember on the main radio VFO. This control would over ride the right side readout of the External VFO.

In my several home station installations with the HyGain 3750/3855/3844 combination I also used the Drake L7 Linear Amplifier. They were a nearly perfect match in height In reality, the 3750 worked better with the Drake L7 than its design partner, the Drake TR7 Transceiver. For the record, the 3750 was a far superior performer than the Drake TR7 on the bands. (With the exception of the poorly executed Noise Blanker in the HyGain!)

The American company, KLM, imported a slightly narrower version of this radio (same color, knobs and dial panel) that was 6-meters only for SSB and CW. I have never seen one of these except in some advertising – but for your reference I have included a picture of it as it appeared in National Radio format. It looked a bit different as the KLM radio – but only in terms of the logo for the branding. My picture is not color correct – it was a perfect color match for the HyGain 3750.



To the left is the National RDX-661 Six-Meter SSB/CW Transceiver. This was marketed in the United States and Canada by KLM and used the same RDX-661 model designation – but branded KLM. This was an all solid-state, 10-watt output radio.

Note that there was no digital readout.

Matsushita Photo

From what I can determine, the RDX-661 was quite a popular radio, globally – especially outside the United States.

I became good friends over the years with the project manager assigned to the partnership between National Radio and HyGain that fostered the 3750. After HyGain was purchased by Telex (before later merging into MFJ) my friend became Amateur Radio Products Manager of Telex. He is now a Silent Key. For many years, a fellow in northern Wisconsin held and marketed all the remaining parts and service inventory for the HyGain 3750 and its accessories. One of my 3750 sets was once part of the HyGain sales group inventory and was used as a show item at HyGain's corporate offices. Telex did not continue any of the RF products that HyGain had produced later in its life before acquisition – and that includes the Galaxy radio line that HyGain had purchased from World Radio Laboratories – tied into what we old-time hams know of as WRL and Globe equipment.

Founded in 1949, at its peak HyGain was a multi-million-dollar corporation with several thousand employees³. Currently it is a subsidiary of MFJ Enterprises and has 75 employees³. So, it goes on – but nobody there knows about the 3750.

A special thanks to my proofreader, Bob, W9DYQ.

I appreciate that you read my articles. Remember that I am open to questions and comments at my email address, W9MXQ@TWC.com.

¹ From the late 1970's until into the 1990's I was part of the Staff of Ham Radio Magazine doing article illustrations and schematics.

² Panasonic and National are part of the large Japanese conglomerate, Matsushita Electric Industrial Co., Ltd. Using the National name, they were once one of the largest manufacturers of ham radio equipment in the world. This is in no way related to National Radio Company, Inc., manufacturer of many radios, including the famous HRO Receivers.

³ Wikipedia – HyGain.

© W9MXQ

The entire article is available on-line, see

http://www.gars.org/newsletters/2021_10_GARZETTE.pdf



GARS Membership

New Members List in September

Don Woodward (KD4APP)

New Members: 1

Total Members as of SEPT-30-2021 = 353

Join GARS members for our weekly breakfast gathering at 7:30 AM most Saturdays Now at Cracker Barrel Restaurant 75 Celebration Dr. Suwanee, GA 30024

Birthdays in October

Yusef Abd Al Rahman (KO4KHO)
Larry Andrus (KB4LWT)
Ray Bailey (N4GYN)
Scott Brown (KD4YDD)
Dale Burns (KI4MZO)
Alexis Carmona
Jonny Dorminy (KN4LGM)
Charles Eiland (WA4RVO)
Joshua Garcia-barreto (KM4OMX)
Benjamin Goings (KM4RTO)
Ellen Hawkins (KM4RRW)
Bill Kirk (N4WWK)
Kathy Kitz
Robert LaBerge (KC4BI)
Danny Leahr (N8KCM)
Joel Levine (WA4HNL)
Hana Londono
Rich Mc Mahon (KO4PVP)
Mac McDonald (NN4K)
Catherine Perry
Cathy Pierce (K1YMW)
Allison Sullivan (KK4VLR)
Michael Weathers (ND4V)
Glen Wendt (W3WWT)
Russ Willard (KA4UUB)

GARS MEMBERSHIP

Your current GARS membership status is shown in the monthly newsletter e-mail towards the bottom of the message.

To become a GARS member, or to renew your GARS membership, please visit our website—
<http://www.gars.org>

To make changes to your GARS membership (moved, new e-mail address, new phone number, etc.), please e-mail the Membership Committee - membership@gars.org

You can renew or update your Amateur Radio license information with the FCC at their website for free
<http://wireless.fcc.gov/uls/index.htm?job=home>

To update your ARRL information, please visit their website - <http://www.arrl.org>

Membership Chair: Karen Albritton, KI4HPP

Committee Members: Dave Bruse, W4DTR



Repeater Status		Officers	
6M	Currently down	Joe Biddle, President	AD4PZ 
147.075	Operational in Snellville	Jamie Burns, Vice President	KX4HA 
147.255	Operational in Snellville	Bill Hawkins, Secretary	WR1TR 
224.580	Operational in Grayson	Pam Meridy, Treasurer	WB1AKQ 
442.100	Operational at Goshen Springs	Kevin Scott, Program Manager	K4GTR 
442.325	Operational in Buford	Managers and Committee Chairs	
444.525	Operational in Snellville	Karen Albritton, Membership Chair	KI4HPP 
Link remote receivers being added		Dave Bruse, VE Team Leader	W4DTR 
Donating to GARS		David Adcock, Webmaster and Field Day Chair	KA4KKF 
Your GARS donation can be used for a certain purpose by donating to one of these funds:		Ralph Pickwick, Apparel Manager and Education Chair	KJ4CNC 
<ul style="list-style-type: none"> GARS SK Memorial Fund for Education (to remember and honor Silent Keys); GARS Scholarship Fund (Administered by the ARRL for awarding scholarships); GARS General Fund (any club purpose). 		Glen Wendt, TechFest Chair	W3WWT 
GARS has joined these rewards programs (a portion of every purchase you make through these merchants may be donated to GARS):		Bob Hoffmann, GARzette Editor	K4CQO 
<ul style="list-style-type: none"> Amazon Smiles; Kroger Community Rewards program. 		Eddie Foust, Repeater Chair	WD4JEM 
For more information on how to sign up for these rewards programs, or to donate to GARS, visit		Mike Weathers, WAS / DXCC QSL Card Checker and Historian	ND4V 
http://gars.org/gars/donations-to-the-club		Chuck McCord, Net Manager	KK4TKJ 
GARS on Social Media		Steve Back, Technical / RFI Advisor	WB2OGY 
 DISCORD  Groups.io : http://gars.org/groups.io  Visit GARS on Facebook: http://gars.org/facebook  Follow GARS on Twitter: http://gars.org/twitter  Join GARS on YouTube: http://gars.org/youtube		Winter Field Day Chair	
		Special Events Chairman	
		Kyle Albritton, Multimedia Chair	W4KDA 
		Don Stewart, Elmer Manager	KW4AL 
		Sandy Jackson, Health and Wellbeing	KJ4DRO 
		Dave Slotter, Georgia QSO Party Chair, Workshop Leader and Public Information Officer	W3DJS 
Directors and Trustees			
John Davis, WB4QDX		Rick Cobb, N4XYY 	
Mike Weathers, ND4V		Bill Cherepy, WB4WTN W4GR Trustee 	



GARS Meeting Minutes

Gwinnett Amateur Radio Society – GENERAL

9/14/2021

In person and online meeting.

President Joe Biddle (AD4PZ) and Opened the meeting at 7:00pm and closed the meeting at approximately 9:00pm

Participants: 26 in person – 33 Online

Treasurer's Report: Pam (WB1AKQ) Pam gave the treasurers report and reported Amazon donations of \$123.11.

New hams and visitors: Joe (AD4PZ)

- Recognized first time attendees in attendance and online.

Membership: Karen (KI4HPP)

- Karen reported 351 members

Education: Ralph

- McConnel Middle School club is doing well.
- Asked for volunteer to assist starting a radio club at South Gwinnett Middle School

Programs: Kevin (K4GTR)

- October – Favorite internet web sites
- November – Current status of Ham Sci projects

Workshop: Dave (W3DJS)

- September – backup generators
- Dave shared preliminary numbers from a survey of workshop attendees.

Other Business:

- Silent key sale – Brian spoke about the gear available and the ongoing process of sorting and selling.
- Stone Mountain Hamfest is coming and we need more volunteers. The website is up for ticket sales.
- Jamboree On The Air – Oct 16. JOTA will be running from the Lawrenceville VFW post. Starting at about 8:30 am. Help is needed.
- Techfest I- Glenn (WW3WWT) Event is Jan 15, 2022 . At the usual location but an alternate is being sought in case.
- Joe asked for a volunteer Zoom administrator.

Program: - Michael Walker VA3WM - Marketing and Consumer Training at FlexRadio. An Overview in Next Generation of HF Radio Technology.

Workshop Minutes - September 21, 2021

Number in Attendance: 33

Workshop Topic: Portable to Whole House Backup Generators



Presenter: Kerby Spruiell KG5DLD

Brief Summary: Kerby's presentation focused on selecting the proper size backup generator for your family/home with a focus on; type of generator, generator size, fuel options (gas, diesel, propane, and natural gas), and costs. With a focus on costs per KW for a multi-day outage.

Door Prize Winners: Fred K4AAX and Glen W3WWT - 10\$ HRO Gift Certificates.

Submitted by: Dallas N4DDM



Events – GARS and others

ARRL CONTESTING INFO

From ARRL Contest Calendar
> For more information click the links <

October 2021

18-22 [School Club Roundup](#)
TBD [EME - 50 to 1296 MHz](#)

November 2021

6-8 [Nov. Sweepstakes - CW](#)
20-21 [Nov. Sweepstakes - Phone](#)
TBD [EME - 50 to 1296 MHz](#)

December 2021

3-5 [160 Meter](#)
11-12 [10 Meter](#)
19 [Rookie Roundup-CW](#)
18-19 [EME - 50 to 1296 MHz](#)

January 2022

1 [Straight Key Night](#)
1 [Kid's Day](#)
8-9 [RTTY Roundup](#)
15-17 [January VHF Contest](#)

February 2022

14-18 [School Club Roundup](#)
19-20 [International DX – CW](#)

March 2022

5-6 [DX Contest -- SSB](#)

April 2022

10 [Rookie Roundup – Phone](#)

May 2022

No planned contests

June 2021

11-13 [June VHF](#)
18 [Kid's Day](#)
25-26 [Field Day](#)

July 2022

9-10 [IARU HF World Championship](#)

August 2022

6-7 [222 MHz and Up Distance Contest](#)
21-22 [10 GHz & Up – Round 1](#)
21 [Rookie Roundup – RTTY](#)

September 2022

10-12 [September VHF](#)
17-18 [EME - 2.3 GHz & Up](#)
17-18 [10 GHz & Up - Round 2](#)

For more information:
<http://www.arrl.org/contest-calendar>

HAMFEST CALENDAR

[Please confirm the status of a Hamfest before making plans to attend. – Ed.]

10/08/2021 - 10/09/2021

56th Annual Melbourne Hamfest, ARRL Florida State Convention

Location: Melbourne, FL

Type: ARRL Convention

Sponsor: Platinum Coast Amateur Radio Society

Website: <http://pcars.org>

10/08/2021 - 10/09/2021

North Okaloosa Amatuer Radio Club Hamfest

Location: Crestview , FL

Type: ARRL Hamfest

Sponsor: North Okaloosa Amatuer Radio Club

Website: <https://w4aaz.org/noarc-hamfest/>

10/16/2021 - Gulf Coast Amateur Radio Club

Location: New Port Richey, FL

Type: ARRL Hamfest

Sponsor: Gulf Coast Amateur Radio Club

10/23/2021 - Deep South Amateur Radio Club

Location: Chickasaw, AL

Type: ARRL Hamfest

Sponsor: Deep South Amateur Radio Club

Website: <http://k4dsr.com/>

11/06/2021 - 11/07/2021 - Stone Mountain Hamfest

Location: Lawrenceville, GA

Type: ARRL Convention

Sponsor: Alford Memorial Radio Club (AMRC)

Website: <https://www.stonemountainhamfest.com>

11/13/2021 - Sparc Fest

Location: Pinellas Park, FL

Type: ARRL Hamfest

Sponsor: St. Petersburg ARC

11/20/2021 - Montgomery ARC Hamfest

Location: Montgomery, AL

Type: ARRL Hamfest

Sponsor: Montgomery Amateur Radio Club

Website: <https://w4ap.org/marc/hamfest>

12/04/2021 - Silver Springs Radio Club 2021 Hamfest

Location: Ocala, FL

Type: ARRL Hamfest

Sponsor: Silver Springs Radio Club

Website: <http://k4gso.us>

For more information: <http://www.arrl.org/hamfests-and-conventions-calendar>

When searching by division, remember some states adjacent to GA are in different divisions:

Southeastern: GA, AL, FL Delta: TN Roanoke: NC, SC



GARS Events Calendar for 2021		GARS Recurring Calendar	
TechFest Dog Show Fundraiser Georgia QSO Party North metro area Fox Hunt Spring Technician HamCram Memorial Day Parade ARC/KARC Hamfest Field Day Summer General HamCram Fall Technician HamCram JOTA Technician HamCram Maker Faire Stone Mt. Hamfest Holiday Party	Cancelled for 2021 April 1-4 2021 April 10-11 2021 April 2021 April 2021 May 31 2021 Cancelled June 26-27 2021 July 24-25, 2021 TBD October 16-17 2021 October 23-24, 2021 TBD November 6-7 2021 December 14 2021	<ul style="list-style-type: none"> 2nd Tuesday of the month at 7 pm (except December): Monthly Club Meeting (690 Airport Rd, Lawrenceville, GA 30046 (simulcast on Zoom)) 3rd Tuesday of the month at 7 pm (except December): Monthly Workshop (online until further notice) 2nd Sunday of the Month at 2 pm GARS Ham Exam Session 690 Airport Rd Lawrenceville, GA 30046 Every Monday at 7:30 pm: GARS Want, Swap, Sell, and Information Net on the GARS 147.075 MHz repeater Every Monday at 8:30 pm: ARES Training on the GARS 147.075 MHz repeater Most Saturdays at 7:30 am : GARS Weekly Breakfast Cracker Barrel Restaurant 75 Celebration Dr., Suwanee, GA 30024 	

GARS CALENDAR FOR October 2021

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2 Breakfast at Cracker Barrel in Suwanee 7:30 AM
3	4 7:30 – 8:00 PM GARS 2M Net	5 7:00 PM GARS Exec Meeting (Online)	6	7	8	9 Breakfast at Cracker Barrel in Suwanee 7:30 AM
10 GARS VE Exam Session EAA 690 Hanger 2:00 PM	11 7:30 – 8:00 PM GARS 2M Net	12 7:00 PM GARS Meeting EAA 690 Hanger	13	14	15	16 Breakfast at Cracker Barrel in Suwanee 7:30 AM
17	18 7:30 – 8:00 PM GARS 2M Net	19 7:00 PM GARS Workshop EAA 690 Hanger	20	21	22	23 Breakfast at Cracker Barrel in Suwanee 7:30 AM
24	25 7:30 – 8:00 PM GARS 2M Net	26	27	28	29	30
31						



Local Ham Radio Exams & Meetings

Local Ham Radio Exams

[Please check with each session contact for current status.—Ed.]

GARS publishes Metro Atlanta VE exam schedules as a service and is not responsible for errors or changes. Call and confirm schedules before going. All sessions are walk-in, unless otherwise noted. Take copies of current license and certificate of completed elements with you to all sessions. Find additional sessions online at <http://www.arrl-ga.org>

First Sunday, ODD Months

2 pm (Jan, Mar, May, Jul, Sep, & Nov)

VEC: WCARS

Braselton Public Utility Building

4986 Highway 53, Braselton, GA

Contact: Nat Christman K4VQ, 678-371-7103

christmans30680@gmail.com

First Sunday, EVEN Months

2 pm (Feb, Apr, Jun, Aug, Oct, Dec)

VEC: WCARS

Hall County EOC

470 Crescent Dr. Gainesville, Ga.

Contact: Perry Roper, KO4RD

(770) 536-3056

Second Saturday

10:00 AM

Alpharetta North Park, Adult Activities Center

13450 Cogburn Rd, Alpharetta, GA 30004

Contact: Ian Kahn, KM4IK

E-mail: km4ik.ian@gmail.com

Third Saturday, ODD Months

VEC: ARRL

9:30 am (Walk-ins welcome)

Stone Mountain Masonic Lodge

840 VFW Drive

Stone Mountain, GA 30083

Contact: Frank Haynes, KV4SP

Email: fhaynes@vatmom.net

(678) 467-3712

First Sunday, EVEN Months

VEC: WCARS and W5YI

2 pm @ Barrow Co. Emerg. Serv. Bldg

66 McElroy Street

Winder, GA 30680

Contact: Mike Wolcott, W4WYI

(404) 281-6581

E-mail: W4WYI@ARRL.net

Fourth Tuesday

ARRL VEC

7 pm @ United Way Service Center

6279 Fairburn Rd., Douglasville

Contact: Jessie Clower, KB4WFK

(770) 942-6466

Fourth Sunday

2:30 pm Georgia Tech

VanLeer Elec. Building

Rm. W218, 777 Atlantic Dr.

For more information go to www.w4aql.com and click on "Test Sessions"

GARS Ham Radio Exams

Second Sunday of the month

VEC: W5YI

2 pm At the EAA 690 Airport Hanger

We had a successful exam session on Sunday, September 12. Two applicants tested. One applicant earned his Technician license and one upgraded to General.

Thanks to all the VE's who made the session possible:

- Dave Bruse, W4DTR (CVE)
- Pam Meridy, WB1AKQ
- Bill Cherepy, WB4WTN
- Donna McCord, KM4FMW
- Russell Prevost, AB4QQ
- Richard Kitz, KM4SWL
- Frank Haynes, KV4SP

73, Chuck, KK4TKJ (Co-CVE)

GARS VE Team Leaders

E-mail: exams@gars.org

GARS VE Website: <http://gars.org/exams> has location information and testing requirements.

Local Meetings

[Please check with each club for meeting schedule and method (online, etc.) - Ed.]

First Tuesday

Kennehoochee ARC

Fire Station #1, Training Room

112 Haynes Street, Marietta, GA

Meeting begins at 7:00pm

Talk In 146.880(-)

First Thursday

Atlanta Radio Club

Georgia Red Cross HQ

1955 Monroe Dr., Atlanta, GA

Meeting is at 7:30pm

Talk In -146.820(-)

N.E. Georgia ARC

Commerce Public Library

1344 South Broad Street, Commerce, GA

Meeting is at 6:30pm

Talk In - 147.225(+), PL 123.0

Second Monday

Georgia Tech ARC

Room W218

Van Leer Electrical Engineering Bldg.

Georgia Tech Campus

Meeting at 7:00pm

Sawnee Amateur Radio Association

Beaver Toyota

1875 Buford Highway, Cumming, GA

Meeting at 6:30

Second Thursday

Alford Memorial Radio Club

Annistown Road Baptist Church

Annistown Rd & Spain Rd

Stone Mountain, GA

Dinner at 6:00pm, Meeting at 7:30pm

Talk In - 146.760(-)

Second Saturday

North GA QRP Club

Board Room of The Shepherd Center

2020 Peachtree Rd, NW, Atlanta, GA

at 10:00 AM

Third Tuesday

North Fulton Amateur Radio League

Alpharetta Recreation & Parks Dept.

Alpharetta Adult Activity Center

13450 Cogburn Road, Alpharetta, GA

meeting at 7:30pm

Talk In - 145.47(-)

For more information, go to:

<https://nfarl.org/>

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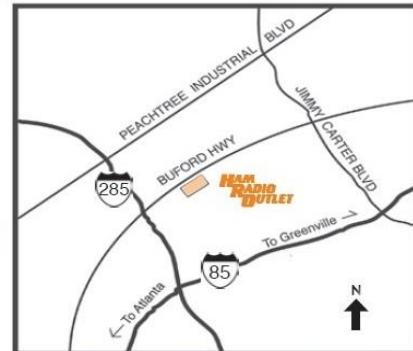


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Mountain	(800) 444-9476
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New England	(800) 444-0047
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